



1-19-05
CASE D0072 NP

CERTIFICATE OF MAILING

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Stephen C. D'Amico
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1-19-05
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

JACKSON ET AL.

Art Unit: 1652

Examiner: SWOPE, SHERIDAN

APPLICATION NO: 10/029,345

FILED: DECEMBER 20, 2001

**FOR: POLYNUCLEOTIDES ENCODING THE NOVEL HUMAN
PHOSPHATASE, RET31, AND VARIANTS THEREOF**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FEE LETTER FOR INFORMATION DISCLOSURE STATEMENT

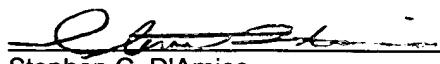
Sir:

Please charge Deposit Account No. 19-3880 in the name of Bristol-Myers Squibb Company in the amount of \$180 for payment of the fee pursuant to 37 CFR §1.17(p) for the submission of an Information Disclosure Statement under 37 CFR §1.97(c).

An additional copy of this paper is here enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 19-3880 in the name of Bristol-Myers Squibb Company.

Respectfully submitted,

Bristol-Myers Squibb Company
Patent Department
P.O. Box 4000
Princeton, NJ 08543-4000
(609) 252-5289
Date: 1-19-05


Stephen C. D'Amico
Agent for Applicants
Reg. No. 46,652.



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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is being filed in accordance with 37 C.F.R. §1.97(c).
A letter for payment of fee set forth in 37 C.F.R. §1.17(p) is enclosed.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

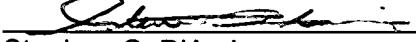
01/25/2005 SSANDARA 00000009 193880 10029345

01 FC:1806 180.00 DA

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Bristol-Myers Squibb Company
Patent Department
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Stephen C. D'Amico
Agent for Applicants
Reg. No. 46,652

Date: 1-19-02



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	5,849,902	12/15/98	Arrow, et al.			
AB	6,664,089 B2	12/16/03	Meyers, R.A.			
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AM						<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>
AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Altschul, et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res., Vol. 25(17), pp. 3389-3402 (1997)
AS	Altschul, et al., "Basic Local Alignment Search Tool", J. Mol. Biol., Vol. 215, pp. 403-410 (1990)
AT	Arfin, et al., "Eukaryotic methionyl aminopeptidases: Two classes of cobalt-dependent enzymes", PNAS, Vol. 92, pp. 7714-7718 (1995)

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2AK	Charbonneau, et al., "The leukocyte common antigen (CD45): A putative receptor-linked protein tyrosine phosphatase", PNAS, Vol. 85, pp. 7182-7186 (1988)
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3AK	Greer, Jonathan, "Comparative Modeling of Homologous Proteins", Methods in Enzymology, Vol. 202, pp. 239-253 (1991)
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4AE	Herlaar, et al., "p38 MAPK signaling cascades in inflammatory disease", <i>Molec. Med. Today</i> , Vol. 5, pp. 439-447 (1999)
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5AA	Krejsa, et al., "Role of Oxidative Stress in the Action of Vanadium Phosphotyrosine Phosphatase Inhibitors", JBC, Vol. 272(17), pp. 11541-11549 (1997)
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5AC	Kruger, et al., "TNP-470: an angiogenesis inhibitor in clinical development for cancer", Exp. Opin. Invest. Drugs, Vol. 9(6), pp. 1383-1396 (2000)
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5AF	Kusaka, et al., "Cytostatic inhibition of endothelial cell growth by the angiogenesis inhibitor TNP-470 (AGM-1470)", Br. J. Cancer, Vol. 69, pp. 212-216 (1994)
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5AI	Levitt, Michael, "Accurate Modeling of Protein Conformation by Automatic Segment Matching", J. Mol. Biol., Vol 226, pp. 507-533 (1992)
5AJ	Li, et al., "Amino-terminal protein processing in <i>Saccharomyces cerevisiae</i> is an essential function that requires two distinct methionine aminopeptidases", PNAS, Vol. 92, pp. 12357-12361 (1995)
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5AL	Lombroso, et al., "Molecular characterization of a protein-tyrosine-phosphatase enriched in striatum", PNAS, Vol. 88, pp. 7242-7246 (1991)
5AM	Lowther, et al., "Structure and function of the methionine aminopeptidases", Bioch. Biophys. Acta, Vol. 1477, pp. 157-167 (2000)
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6AB	Martin, Yvonne C., "3D Database Searching in Drug Design", J. Med. Chem., Vol. 35(12), pp. 2145-2154 (1992)
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6AI	Nguyen, et al., "Prostatic Acid Phosphatase in Serum of Patients with Prostatic Cancer is a Specific Phosphotyrosine Acid Phosphatase", Clin. Chem., Vol. 36(8), pp. 1450-1455 (1990)
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6AK	Nurse, Paul, "Universal control mechanism regulating onset of M-phase", Nature, Vol. 344, pp. 503-508 (1990)
6AL	Ohagi, et al., "Sequence of a cDNA encoding human LRP (leukocyte common antigen-related peptide)", Nucleic Acids Res., Vol. 18(23), pp. 7159 (1990)
6AM	Ostergaard, et al., "Expression of CD45 alters phosphorylation of the <i>lck</i> -encoded tyrosine protein kinase in murine lymphoma T-cell lines", PNAS, Vol. 86, pp. 8959-8963 (1989)
6AN	Pearson, William R., "Rapid and Sensitive Sequence Comparison with FASTP and FASTA", Methods in Enzymol., Vol. 183, pp. 63-98 (1990)

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7AA	Ralph, et al., "Structural variants of human T200 glycoprotein (leukocyte-common antigen)", EMBO J., Vol. 6(5), 1251-1257 (1987)
7AB	Sap, et al., "Cloning and expression of a widely expressed receptor tyrosine phosphatase", PNAS, Vol. 87, pp. 6112-6116 (1990)
7AC	Schaefer, Brian C., "Revolutions in Rapid Amplification of cDNA Ends: New Strategies for Polymerase Chain Reaction Cloning of Full-Length cDNA Ends", Anal. Biochem., Vol. 227, pp. 255-273 (1995)
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7AE	Shimohama, et al., "Reduction of Low-Molecular-Weight Acid Phosphatase Activity in Alzheimer Brains", Ann. Neurol., Vol. 33, pp. 616-621 (1993)
7AF	Sin, et al., "The anti-angiogenic agent fumagillin covalently binds and inhibits the methionine aminopeptidase, MetAP-2", PNAS, Vol. 04, pp. 6099-6103 (1997)
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7AH	Stewart, et al., "Crystal structure of the MAPK phosphatase Pyst 1 catalytic domain and implications for regulated activation", Nature Struc. Biol., Vol. 6(2), pp. 174-181 (1999)
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8AA	Tsai, et al., "Isolation and Characterization of Temperature-sensitive and Thermostable Mutants of the Human Receptor-like Protein Tyrosine Phosphatase LAR", JBC, Vol. 266(16), pp. 10534-10543 (1991)
8AB	Ullrich, et al., "Signal Transduction by Receptors with Tyrosine Kinase Activity", Cell, Vol. 61, pp. 203-212 (1990)
8AC	Vandeyar, et al., "A simple and rapid method for the selection of oligodeoxynucleotide-directed mutants", Gene, Vol. 65, pp. 129-133 (1988)
8AD	Weaver, et al., "CD8 ⁺ T-Cell Clones Deficient In the Expression of the CD45 Protein Tyrosine Phosphatase Have Impaired Responses to T-Cell Receptor Stimuli", Molec. Cell. Biol., Vol. 11(9), pp. 4415-4422 (1991)
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8AF	Yi, et al., "Protein Tyrosine Phosphatase Containing SH2 Domains: Characterization, Preferential Expression in Hematopoietic Cells, and Localization to Human Chromosome 12p12-p13", Molec. Cell. Biol., Vol. 12(2), pp. 836-846 (1992)
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8AI	NCBI Entrez Accession No. A55148 (gi:1083770), Mauro, et al., September 10, 1999
8AJ	NCBI Entrez Accession No. AAB40597 (gi:1777755), Crowell, et al., July 30, 1999
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